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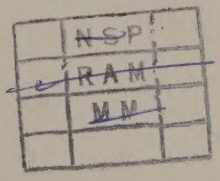
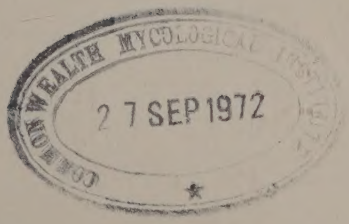
ADDENDUM TO
LIST OF INTERCEPTED PLANT PESTS, 1970

(Pests Recorded From July 1, 1969, Through June 30, 1970)





Animal and Plant Health Inspection Service
UNITED STATES DEPARTMENT OF AGRICULTURE

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UNITED STATES DEPARTMENT OF AGRICULTURE
Animal and Plant Health Inspection Service

Addendum to
LIST OF INTERCEPTED PLANT PESTS, 1970

(Pests Recorded From July 1, 1969, Through June 30, 1970)

David H. Girard
Plant Quarantine Inspector

INTRODUCTION

This addendum to the List of Intercepted Plant Pests, 1970 represents 1,263 records that were omitted when the List was originally produced.

NOTES ON PESTS INTERCEPTED

The total number of interceptions submitted during the fiscal year 1970 was 42,589. Of those identified during the fiscal year, 13,781 were considered of enough significance to be tabulated, as compared with 11,658 the previous year. This does not include non-economic or the imcompletely determined organisms which were not added to the figures in the summary.

SUMMARY OF NUMBER OF INTERCEPTIONS LISTED

COUNTRY	INSECT	MITE	MOLLUSK	DISEASE	NEMATODE
Africa (country-?)	1	.....	.....	.....	.....
Angola	1	.....	.....	.....	.....
Argentina	1	.....	.....	.....	.....
Asia (country-?)	46	.....	.....	.....	.....
Australia	1	.....	.....	.....	.....
Austria	5	.....	.....	.....	.....
Azores	1	.....	.....	.....	.....
Bahamas	1	.....	.....	.....	.....
Belgium	1	.....	.....	.....	.....
Brazil	14	.....	.....	.....	.....
British Honduras	1	.....	.....	.....	.....
Central America (country-?)	1	.....	.....	.....	.....
Chile	1	.....	.....	.....	.....
China	1	.....	.....	.....	.....
Colombia	4	.....	.....	.....	.....
Congo	1	.....	.....	.....	.....
Costa Rica	2	.....	.....	.....	.....
Cyprus	1	.....	.....	.....	.....
Denmark	1	.....	.....	.....	.....
Dominican Republic	70	.....	.....	.....	.....
Ecuador(?)	1	.....	.....	.....	.....
El Salvador	12	.....	.....	.....	.....
England	3	.....	.....	.....	.....
Ethiopia	1	.....	.....	.....	.....
France	8	.....	.....	.....	.....
Germany	4	.....	.....	.....	.....
Germany(?)	1	.....	.....	.....	.....
Ghana	2	.....	.....	.....	.....
Greece	4	.....	.....	.....	.....
Guam	2	.....	.....	.....	.....
Guatemala	37	.....	.....	.....	.....
Haiti	14	.....	.....	.....	.....
Haiti(?)	1	.....	.....	.....	.....
Hawaii	81	.....	.....	.....	.....
Honduras	13	.....	.....	.....	.....
Hong Kong	7	.....	.....	.....	.....
India	17	.....	.....	.....	.....
India(?)	2	.....	.....	.....	.....
Indonesia	3	.....	.....	.....	.....
Iran	1	.....	.....	.....	.....
Israel	2	.....	.....	.....	.....
Italy	25	.....	.....	.....	.....
Jamaica	49	.....	.....	.....	.....
Japan	492	.....	.....	.....	.....
Korea	1	.....	.....	.....	.....
Korea(?)	1	.....	.....	.....	.....
Kwajalein	2	.....	.....	.....	.....
Lebanon	2	.....	.....	.....	.....
Liberia	2	.....	.....	.....	.....
Madeira Islands	1	.....	.....	.....	.....
Malta	1	.....	.....	.....	.....
Mexico	185	.....	.....	.....	.....
Morocco	1	.....	.....	.....	.....
New Zealand	3	.....	.....	.....	.....
Nicaragua	3	.....	.....	.....	.....
Norway	1	.....	.....	.....	.....
Okinawa	5	.....	.....	.....	.....
Panama	25	.....	.....	.....	.....
Peru	5	.....	.....	.....	.....
Philippines	11	.....	.....	.....	.....
Portugal	2	.....	.....	.....	.....
Puerto Rico	11	.....	.....	.....	.....
South Africa	3	.....	.....	.....	.....
Spain	3	.....	.....	.....	.....
Spain(?)	1	.....	.....	.....	.....
St. Kitts	1	.....	.....	.....	.....
St. Thomas	1	.....	.....	.....	.....
Sweden	3	.....	.....	.....	.....
Taiwan	2	.....	.....	.....	.....
Thailand	6	.....	.....	.....	.....
Turkey	1	.....	.....	.....	.....
Venezuela	2	.....	.....	.....	.....
Viet-Nam	10	.....	.....	.....	.....
Viet-Nam?	1	.....	.....	.....	.....

SUMMARY OF NUMBER OF INTERCEPTIONS LISTED

COUNTRY	INSECT	MITE	MOLLUSK	DISEASE	NEMATODE
West Pacific	16	.....	.....	.....	.....
Unknown	14	.....	.....	.....	.....
TOTAL INTERCEPTIONS	1,263	.....	.....	.....	.....

GRAND TOTAL.....1,263

CHANGES IN NOMENCLATURE

INSECTS

Ceroplastes ceriferus (Anderson) (Coccidae)----------(=Ceroplastes pseudoceriferus Green (Coccidae))

Zopherus chilensis Gray (Tenebrionidae)----------(=Megazopherus chiliensis Gray (Tenebrionidae))

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN CONSUMPTION	NUMBER INTERCEPTIONS IN NONENTRY	NUMBER INTERCEPTIONS IN PROPAGATION	COLLECTED IN-
Aleurocanthus woglumi Ashby (Aleyrodidae)	Colombia, Mexico	13	3		FL, TX
Citrus aurantifolia (leaf)					
Citrus sinensis (leaf)					
Citrus sp. (leaf)					
Coffea sp. (coffee leaf)					
Aleurothrixus floccosus (Maskell) (Aleyrodidae)	Mexico	1			TX
Citrus sp. (leaf)					
Anastrepha ludens (Loew) (Tephritidae)	Guatemala, Mexico	55	1		CA, GA, LA, TX.
Citrus paradisii (grapefruit)					
Citrus sinensis (sweet orange)					
Citrus sp. (fruit)					
Mangifera indica (mango)					
Anastrepha mombinpraeoptans Sein (Tephritidae)	Colombia, Costa Rica,	302	11		AZ, CA, FL, LA,
Citrus aurantifolia (lime)	Dominican Republic,				NY, PR, TX, VA,
Eugenia malaccensis (mountain-apple)	El Salvador, Guatemala, Haiti,				VI
Mangifera indica (mango)	Haiti(?), Honduras, Jamaica,				
Psidium guajava (guava)	Mexico, Nicaragua, Panama,				
Spondias mombin (yellow mombin)	Puerto Rico, St. Kitts,				
Spondias purpurea (purple mombin)	St. Thomas, Unknown.				
Spondias sp. (mombin)					
Ceratitis capitata (Wiedemann) (Tephritidae)	Israel, Morocco	2	1		MA, NY
Citrus sinensis (sweet orange)					
Vitis sp. (grape)					
Ctenopseustis obliquana (Walker) (Tortricidae)	New Zealand	1			HI
Malus sylvestris (apple)					
Dacus cucurbitae Coquillet (Tephritidae)	Hawaii, India, India(?)	3	5		CA, HI, NY, PA.
Aircraft					
Cucumis sativus (cucumber)					
Fruit (unidentified)					
Lycopersicon esculantum (tomato)					
Momordica charantia (bitter melon)					
Dacus dorsalis Hendel (Tephritidae)	Hawaii, Philippines, Viet-Nam	70			AK, HI
Aleurites moluccana (kukui)					
Carica papaya (papaya)					
Citrus reticulata cv. (cultivar orange)					
Citrus sinensis (sweet orange)					
Eugenia malaccensis (mountain-apple)					
Litchi chinensis (litchi)					
Mangifera indica (mango)					
Musa sp. (banana)					
Psidium guajava (guava)					
Terminalia catappa (tropical almond)					
Dacus oleae (Gmelin) (Tephritidae)	Greece, Italy, Malta, Spain,	5	1		IL, MA, NY
Olea europaea (olive)	Unknown.				
Fiorinia vacciniae Kuwana (Diaspididae)	Italy	1			LA
Phragmites communis (reed)					
Frankliniella formosae Moulton (Thripidae)	Japan, Okinawa, Philippines,	49	17		AK, CA, HI, WA.
Chrysanthemum sp. (cut flowers)	Thailand, Unknown.				
Dahlia sp. (cut flowers)					
Dianthus sp. (cut flowers)					
Flowers (mixed)					
Rosa sp. (cut flowers)					
Galgupha punctifer McAtee & Malloch (Pentatomidae)	Mexico		1		TX
Railroad car					
Geniates panamensis Arrow (Scarabaeidae)	Central America (country-?),	3	3		FL, LA, SC
Aircraft	Panama.				
Automobile					
Baggage					
Geotomus pygmaeus (Dallas) (Cydnidae)	Asia (country-?), Japan, Taiwan,	4	16		CA, DE, HI, MA.
Aircraft	Unknown, Viet-Nam,				
Cargo	West Pacific.				
Sechium edule (chayote)					
Glaucothrips glaucus (Bagnall) (Thripidae)	South Africa	2			MI
Flowers (mixed)					
Leucadendron discolor (cut flowers)					

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN CONSUMPTION	NUMBER INTERCEPTIONS IN NOT ENTRY	NUMBER INTERCEPTIONS IN PROPAGATIVE	COLLECTED IN-
Gnoriomoschema ocellatella (Boyd) (Gelechiidae)	Italy		1		NY
Lactuca sativa (lettuce)					
Gryllotalpa africana Palisot de Beauvois (Gryllotalpidae)	Asia (country-?), Japan, Thailand, Viet-Nam.	1	7		CA, HI
Aircraft					
Mail					
Gryllus bimaculatus DeGeer (Gryllidae)	Asia (country-?), Japan, Korea(?), Okinawa, Philippines, Thailand, Viet-Nam, West Pacific.	4	40		AK, CA, HI, WA.
Aircraft					
Cargo					
Mail					
Gryllus capitatus Saussure (Gryllidae)	Ecuador(?)		1		FL
Aircraft					
Hemimene juliana (Curtis) (Olethreutidae)	Greece, Italy	4			NY
Castanea sativa (European chestnut)					
Hercinothrips bicinctus (Bagnall) (Thripidae)	Azores, Madeira Islands, Portugal.	2		1	MA
Flowers (mixed)					
Hydrangea sp. (cuttings)					
Plants (mixed)					
Herpetogramma licarsisalis (Walker) (Pyralidae)	Asia (country-?), Okinawa, West Pacific.		3		HI, WA
Aircraft					
Heterobostrychus aequalis (Waterhouse) (Bostrichidae)	India, Unknown	5	1		GA, HI, NY
Dunnage (lumber)					
Wood (crate)					
Homalodisca ichthyocephala (Signoret) (Cicadellidae)	Unknown		1		LA
Aircraft					
Hulodes caranea (Cramer) (Noctuidae)	Japan		1		CA
Aircraft					
Hylurgops palliatus (Gyllenhal) (Scolytidae)	Denmark, Germany	3			FL, OR
Pinus sp. (bark)					
Wood (crate)					
Hylurgus ligniperda (Fabricius) (Scolytidae)	Italy	1			TX
Wood (crate)					
Hypomeces squamosus Fabricius (Curculionidae)	Asia (country-?), West Pacific		2		AK, HI
Aircraft					
Hypothenemus hampei (Ferrari) (Scolytidae)	Africa (country-?), Angola, Brazil, Ethiopia, Indonesia, Lebanon, Mexico, Nicaragua, Peru.	23			LA, NY
Coffea sp. (coffee seed)					
Icerya seychellarum (Westwood) (Margarodidae)	Philippines	2			HI
Euphoria longana (longan)					
Lansium domesticum (langsat)					
Ips acuminatus (Gyllenhal) (Scolytidae)	Norway, Sweden	4			FL
Wood (crates)					
Isothrips obscuratus (Crawford) (Thripidae)	Australia, New Zealand	2	1		CA, HI
Lilium sp. (cut flowers)					
Prunus persica (peach)					
Tulipa sp. (cut flowers)					
Lampides boeticus (Linnaeus) (Lycaenidae)	Hawaii	2			HI
Cajanus cajan (pigeon peas)					
Sesbania grandiflora (sesban)					
Laspeyresia strobilella (Linnaeus) (Olethreutidae)	Unknown	1			NY
Picea sp. (spruce cone)					
Leperisinus varius (Fabricius) (Scolytidae)	Italy	1			NY
Olea sp. (olive wood)					
Lepidosaphes bladhiae Takahashi (Diaspididae)	Philippines	2			HI
Areca catechu (betel nut)					
Mangifera indica (mango)					
Lepidosaphes conchiformioides Borchsenius (Diaspididae)	China, Japan	1	11		CA, HI
Diospyros kaki (persimmon)					
Malus sylvestris (apple)					
Lepidosaphes esakii Takahashi (Diaspididae)	Guam, Japan, Kwajalein	2	1	2	HI, OR
Cleyera japonica (leaf)					
Cocos nucifera (coconut)					
Leucania loreyi (Duponchel) (Noctuidae)	Asia (country-?)		1		WA
Aircraft					
Leucania yu Guenee (Noctuidae)	Asia (country-?)		1		WA
Aircraft					

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN CONSUMPTION	NUMBER INTERCEPTIONS IN NURSERY	NUMBER INTERCEPTIONS IN PROPAGATIVE	COLLECTED IN-
Leucaspis riccae (Targioni-Tozzetti) (Diaspididae)	Cyprus	1			NY
Olea europaea (olive)					
Leucinodes orbonalis Guenee (Pyralidae)	Ghana, Hong Kong, Liberia,	5	1		HI, NY, PA
Solanum melongena (eggplant)	South Africa.				
Lindingaspis ferrisi McKenzie (Diaspididae)	Viet-Nam			1	CA
Areca catechu (betel nut)					
Lindingaspis tingi McKenzie (Diaspididae)	Philippines			1	CA
Phalaenopsis amabilis (plant)					
Liogenys macropelma Bates (Scarabaeidae)	Panama, Unknown	2	15		LA, NY, PR, SC,
Aircraft					TX
Automobile					
Liriomyza brasiliensis (Frost) (Agromyzidae)	Brazil, Venezuela	1	1		NY
Solanum tuberosum (potato)					
Lobesia botrana (Schiffermuller) (Olethreutidae)	Italy	2			NY, VA
Vitis sp. (grape)					
Locusta migratoria Linnaeus (Acrididae)	Asia (country-?)		1		HI
Aircraft					
Lyctoxylon japonum Reitter (Lyctidae)	Japan	1			WA
Wood (bamboo)					
Macroscytus brunneus (Fabricius) (Pentatomidae)	Spain(?)	1			DE
Cargo					
Macroscytus japonensis Scott (Pentatomidae)	Asia (country-?), Japan		4		CA, WA
Aircraft					
Macrosiphum ibarae (Matsumura) (Aphididae)	Japan	1	1		HI, WA
Rosa sp. (cut flowers)					
Mamestra brassicae (Linnaeus) (Noctuidae)	Belgium, Italy, Japan,		6		AK, CA, HI, NY,
Aircraft	Philippines, Spain.				WA
Brassica oleracea var. capitata (cabbage)					
Brassica pekinensis (Chinese cabbage)					
Manopus simillimus Moser (Scarabaeidae)	Colombia	1			WA
Cargo					
Maruca testulalis (Geyer) (Pyralidae)	Hawaii, Puerto Rico, Unknown	6	1		HI, NY
Aircraft					
Phaseolus vulgaris (string bean)					
Sesbania grandiflora (cut flowers)					
Mecinus pyraster (Herbst) (Curculionidae)	Turkey	1			DE
Cargo					
Mecopoda elongata (Linnaeus) (Tettigoniidae)	Asia (country-?), Japan,		4		CA, HI, WA
Aircraft	Thailand, West Pacific.				
Megacerus cubiciformis (Sharp) (Bruchidae)	Mexico	1			TX
Operculina tuberosa (wood-rose)					
Megastigmus pistaciae Walker (Torymidae)	Italy	2			NY
Pistacia sp. (pistache seed)					
Megastigmus seitneri Hoffmeyer (Torymidae)	Austria, England			3	NJ
Larix europaea (seed)					
Megastigmus strobilobius Ratzeburg (Torymidae)	Austria, England, Italy			6	NJ
Picea excelsa (seed)					
Megastigmus suspectus Borries (Torymidae)	France			1	NJ
Abies numidica (seed)					
Melanaspis inopinata (Leonardi) (Diaspididae)	Iran, Lebanon	2			NY
Pistacia sp. (pistache nut)					
Melanaspis nigropunctata (Cockerell) (Diaspididae)	Mexico	1			TX
Salix sp. (willow stem)					
Melanaspis paulista (Hempel) (Diaspididae)	Argentina	1			FL
Leaf (unidentified)					
Melanoplus femur-rubrum (DeGeer) (Acrididae)	Germany(?), Japan		2		CA, NY
Aircraft					
Melanoplus sanguinipes (Fabricius) (Acrididae)	Viet-Nam?		1		CA
Aircraft					
Melanthrips fuscus (Sulzer) (Aeolothripidae)	France	1			NY
Narcissus sp. (cut flowers)					
Meligethes aeneus Fabricius (Nitidulidae)	France, Germany	2	1		DE, NY, PR
Aircraft					
Brassica oleracea var. capitata (cabbage)					
Flowers (mixed)					

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN CONSUMPTION	NONENTRY	PROPAGATION	COLLECTED IN-
Melolontha japonica Burmeister (Scarabaeidae)	Hong Kong		1		CA
Aircraft					
Melolontha melolontha (Linnaeus) (Scarabaeidae)(?)	England		1		NJ
Aircraft					
Metaleptea brevicornis (Linnaeus) (Acrididae)	Panama, Peru		2		FL
Aircraft					
Metamasius hemipterus hemipterus (Linnaeus) (Curculionidae)	Dominican Republic, Puerto Rico.	3			NY, PR
Ananas comosus (pineapple)					
Fruit (mixed)					
Metamasius hemipterus sericeus (Olivier) (Curculionidae)	Guatemala	1			FL
Musa sp. (plantain debris)					
Microplax interrupta Fieber (Lygaeidae)	Spain	1			VA
Cargo					
Mimosestes dominicanus (Jekel) (Bruchidae)	Jamaica	1			NY
Caesalpinia coriaria (seed)					
Minthea rugicollis (Walker) (Lyctidae)	Congo, India, Japan, Panama	9	1		CA, FL, GA, MA,
Bambusa sp. (bamboo)					NY, TX
Dunnage					
Hibiscus esculentus (okra)					
Mail					
Wood (crate)					
Mocis frugalis (Fabricius) (Noctuidae)	Viet-Nam		1		HI
Aircraft					
Modicogryllus siamensis Chopard (Gryllidae)	Japan		1		CA
Aircraft					
Myocalandra exarata (Boheman) (Curculionidae)	India	1			NY
Packing material					
Nasutitermes costalis (Holmgren) (Termitidae)	Puerto Rico	1			PR
Bambusa sp. (bamboo)					
Nasutitermes nigriceps (Haldeman) (Termitidae)	British Honduras			1	FL
Orchid (plant)					
Nasutitermes rippertii (Rambur) (Termitidae)	Bahamas		1		FL
Wood					
Naupactus xanthographus (Germar) (Curculionidae)	Chile	1			NY
Cucumis melo (melon)					
Neoleucinodes elegantalis (Guenee) (Pyralidae)	Colombia, Mexico, Venezuela	1	2		FL, LA, NY
Capsicum sp. (pepper)					
Physalis sp. (husk tomato)					
Solanum melongena (eggplant)					
Nephotettix cincticeps (Uhler) (Cicadellidae)	Asia (country-?)		1		DE
Aircraft					
Nephotettix nigropictus (Stal) (Cicadellidae)	Japan		1		CA
Aircraft					
Nephotettix virescens (Distant) (Cicadellidae)	Asia (country-?), Japan,		13		AK, CA, HI, WA.
Aircraft	Viet-Nam, West Pacific.				
Nezara antennata Scott (Pentatomidae)	Asia (country-?)		1		AK
Aircraft					
Omphisa anastomosalis (Guenee) (Pyralidae)	Japan		1		CA
Aircraft					
Opogona sacchari (Bojer) (Tineidae)	Portugal			1	CA
Orchid (plant)					
Opuntiaspis philococcus (Cockerell) (Diaspididae)	Mexico			1	TX
Cereus sp. (cactus plant)					
Orchidophilus atterrimus (Waterhouse) (Curculionidae)	Guatemala	1			TX
Mangifera indica (mango)					
Orchidophilus peregrinator Buchanan (Curculionidae)	Taiwan			1	CA
Pleione sp. (orchid plant)					
Orthezia pseudinsignis Morrison (Orthezidae)	Mexico			1	CA
Plant (unidentified)					
Orthotomicus erosus (Wollaston) (Scolytidae)	Italy	1			FL
Wood (bark on crate)					
Oulema melanopus (Linnaeus) (Chrysomelidae)	Italy		1		NY
Brassica oleracea var. capitata (cabbage)					
Oxyodes scrobiculata (Fabricius) (Noctuidae)	Asia (country-?)		2		AK, WA
Aircraft					

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN CONSUMPTION	NUMBER INTERCEPTIONS IN NONENTRY	NUMBER INTERCEPTIONS IN PROPAGATION	COLLECTED IN-
Oxythyrea funesta (Poda) (Scarabaeidae)	Italy	1			NY
Vegetables (mixed)					
Paraleyrodes citri Bondar (Aleyrodidae)	Mexico	1			TX
Citrus aurantifolia (leaf)					
Pectinophora gossypiella (Saunders) (Gelechiidae)	Hawaii	1			HI
Gossypium sp. (cotton seed)					
Phloeosinus rudis Blandford (Scolytidae)	Japan	1	1		AL, LA
Dunnage					
Wood (in bark)					
Pseudaonidia trilobitiformis (Green) (Diaspididae)	Brazil, Japan	1	10		CA, NY
Citrus aurantifolia (lime)					
Citrus grandis (pummelo)					
Citrus reticulata cv. (cultivar orange)					
Psylliodes chrysocephala (Linnaeus) (Chrysomelidae)	Italy		2		NY, PA
Brassica rapa (turnip)					
Pterochlorus tropicalis (van der Goot) (Aphididae)	Thailand		1		NJ
Aircraft					
Pyropotosia pryeri (Janson) (Scarabaeidae)	Asia (country-?)		1		HI
Aircraft					
Pyrrhidium sanguineum (Linnaeus) (Cerambycidae)	Italy	1			OR
Wood (crate)					
Rhagoletis cerasi (Linnaeus) (Tephritidae)	France, Greece, Italy	3	7		DE, MA, VA
Prunus avium (sweet cherry)					
Sinoxylon conigerum Gerstacker (Bostrichidae)	India	4			NY
Wood (crate)					
Spodoptera mauritia (Boisduval) (Noctuidae)	Asia (country-?)		3		WA
Aircraft					
Stenopterus rufus (Linnaeus) (Cerambycidae)	India	1			NY
Wood (crate)					
Taeniothrips eucharii (Whetzel) (Thripidae)	Japan	1			WA
Dianthus sp. (cut flowers)					
Unaspis yanonensis (Kuwana) (Diaspididae)	Hong Kong, Japan, Korea	94	284		AK, CA, HI, NY,
Citrus aurantium (sour orange)					OR, WA
Citrus grandis (pummelo)					
Citrus limon (lemon)					
Citrus paradisii (grapefruit)					
Citrus reticulata cv. (cultivar orange)					
Citrus sinensis (sweet orange)					
Citrus sp. (leaf & fruit)					
Fortunella sp. (kumquat)					
Xylopsocus capucinus (Fabricius) (Bostrichidae)	Unknown		1		GA
Dunnage (lumber)					
Xylothrips flavipes (Illiger) (Bostrichidae)	Unknown		1		GA
Dunnage (lumber)					

ABIES:
  Megastigmus suspectus (Hymenoptera)
ALEURITES:
  Dacus dorsalis (Diptera)
ANANAS:
  Metamasius hemipterus hemipterus (Coleoptera)
ARECA:
  Lepidosaphes bladhiae (Homoptera)
  Lindingaspis ferrisi (Homoptera)

BAMBUSA:
  Minthea rugicollis (Coleoptera)
  Nasutitermes costalis (Isoptera)
BRASSICA:
  Mamestra brassicae (Lepidoptera)
  Meligethes aeneus (Coleoptera)
  Oulema melanopus (Coleoptera)
  Psylliodes chrysocephala (Coleoptera)

CAESALPINIA:
  Mimosestes dominicanus (Coleoptera)
CAJANUS:
  Lampides boeticus (Lepidoptera)
CAPSICUM:
  Neoleucinodes elegantalis (Lepidoptera)
CARICA:
  Dacus dorsalis (Diptera)
CASTANEA:
  Hemimene juliana (Lepidoptera)
CEREUS:
  Opuntiaspis philococcus (Homoptera)
CHRYSANTHEMUM:
  Frankliniella formosae (Thysanoptera)
CITRUS AURANTIFOLIA:
  Aleurocanthus woglumi (Homoptera)
  Anastrepha mombinpraeoptans (Diptera)
  Paraleyrodes citri (Homoptera)
  Pseudaonidia trilobitiformis (Homoptera)
CITRUS AURANTIUM:
  Unaspis yanonensis (Homoptera)
CITRUS GRANDIS:
  Pseudaonidia trilobitiformis (Homoptera)
  Unaspis yanonensis (Homoptera)
CITRUS LIMON:
  Unaspis yanonensis (Homoptera)
CITRUS PARADISII:
  Anastrepha ludens (Diptera)
  Unaspis yanonensis (Homoptera)
CITRUS RETICULATA CV.:
  Dacus dorsalis (Diptera)
  Pseudaonidia trilobitiformis (Homoptera)
  Unaspis yanonensis (Homoptera)
CITRUS SINENSIS:
  Aleurocanthus woglumi (Homoptera)
  Anastrepha ludens (Diptera)
  Ceratitis capitata (Diptera)
  Dacus dorsalis (Diptera)
  Unaspis yanonensis (Homoptera)
CITRUS SP.:
  Aleurocanthus woglumi (Homoptera)
  Aleurothrixus floccosus (Homoptera)
  Anastrepha ludens (Diptera)
  Unaspis yanonensis (Homoptera)
CLEYERA:
  Lepidosaphes esakii (Homoptera)
COCOS:
  Lepidosaphes esakii (Homoptera)
COFFEA:
  Aleurocanthus woglumi (Homoptera)
  Hypothenemus hampei (Coleoptera)
CUCUMIS:
  Dacus cucurbitae (Diptera)
  Naupactus xanthographus (Coleoptera)

DAHLIA:
  Frankliniella formosae (Thysanoptera)
DIANTHUS:
  Frankliniella formosae (Thysanoptera)
  Taeniothrips eucharii (Thysanoptera)
DIOSPYROS:
  Lepidosaphes conchiformioides (Homoptera)

EUGENIA:
  Anastrepha mombinpraeoptans (Diptera)
  Dacus dorsalis (Diptera)
EUPHORIA:
  Icerya seychellarum (Homoptera)

FORTUNELLA:
  Unaspis yanonensis (Homoptera)

GOSSYPIUM:
  Pectinophora gossypiella (Lepidoptera)

HIBISCUS:
  Minthea rugicollis (Coleoptera)
HYDRANGEA:
  Hercinothrips bicinctus (Thysanoptera)

LACTUCA:
  Gnorimoschema ocellatella (Lepidoptera)
LANSIUM:
  Icerya seychellarum (Homoptera)
LARIX:
  Megastigmus seitneri (Hymenoptera)
LEUCADENDRON:
  Glaucothrips glaucus (Thysanoptera)
LILIUM:
  Isothrips obscuratus (Thysanoptera)
LITCHI:
  Dacus dorsalis (Diptera)
LYCOPERSICON:
  Dacus cucurbitae (Diptera)

MALUS:
  Ctenopseustis obliquana (Lepidoptera)
  Lepidosaphes conchiformioides (Homoptera)
MANGIFERA:
  Anastrepha ludens (Diptera)
  Anastrepha mombinpraeoptans (Diptera)
  Dacus dorsalis (Diptera)
  Lepidosaphes bladhiae (Homoptera)
  Orchidophilus atterrimus (Coleoptera)
MOMORDICA:
  Dacus cucurbitae (Diptera)
MUSA:
  Dacus dorsalis (Diptera)
  Metamasius hemipterus sericeus (Coleoptera)

NARCISSUS:
  Melanthrips fuscus (Thysanoptera)

OLEA:
  Dacus oleae (Diptera)
  Leperisinus varius (Coleoptera)
  Leucaspis riccae (Homoptera)
OPERCULINA:
  Megacerus cubiciformis (Coleoptera)
ORCHID:
  Nasutitermes nigriceps (Isoptera)
  Opogona sacchari (Lepidoptera)

PHALAENOPSIS:
  Lindingaspis tingi (Homoptera)
PHASEOLUS:
  Maruca testulalis (Lepidoptera)
PHRAGMITES:
  Fiorinia vacciniae (Homoptera)
PHYSALIS:
  Neoleucinodes elegantalis (Lepidoptera)
PICEA:
  Laspeyresia strobilella (Lepidoptera)
  Megastigmus strobilobius (Hymenoptera)
PINUS:
  Hylurgops palliatus (Coleoptera)
PISTACIA:
  Megastigmus pistaciae (Hymenoptera)
  Melanaspis inopinata (Homoptera)
PLANTS:
  Hercinothrips bicinctus (Thysanoptera)
PLEIONE:
  Orchidophilus peregrinator (Coleoptera)
PRUNUS:
  Isothrips obscuratus (Thysanoptera)

PRUNUS (continued):
  Rhagoletis cerasi (Diptera)
PSIDIUM:
  Anastrepha mombinpraeoptans (Diptera)
  Dacus dorsalis (Diptera)

ROSA:
  Frankliniella formosae (Thysanoptera)
  Macrosiphum ibarae (Homoptera)

SALIX:
  Melanaspis nigropunctata (Homoptera)
SECHIUM:
  Geotomus pygmaeus (Hemiptera)
SESBANIA:
  Lampides boeticus (Lepidoptera)
  Maruca testulalis (Lepidoptera)

SOLANUM:
  Leucinodes orbonalis (Lepidoptera)
  Liriomyza braziliensis (Diptera)
  Neoleucinodes elegantalis (Lepidoptera)
SPONDIAS:
  Anastrepha mombinpraeoptans (Diptera)

TERMINALIA:
  Dacus dorsalis (Diptera)
TULIPA:
  Isothrips obscuratus (Thysanoptera)

VEGETABLES:
  Oxythyrea funesta (Homoptera)
VITIS:
  Ceratitis capitata (Diptera)
  Lobesia botrana (Lepidoptera)

AIRCRAFT:
- Dacus cucurbitae (Diptera)
- Geniates panamensis (Coleoptera)
- Geotomus pygmaeus (Hemiptera)
- Gryllotalpa africana (Orthoptera)
- Gryllus bimaculatus (Orthoptera)
- Gryllus capitatus (Orthoptera)
- Herpetogramma licarsisalis (Lepidoptera)
- Homalodisca ichthyocephala (Homoptera)
- Hulodes caranea (Lepidoptera)
- Hypomeces squamosus (Coleoptera)
- Leucania loreyi (Lepidoptera)
- Leucania yu (Lepidoptera)
- Liogenys macropelma (Coleoptera)
- Locusta migratoria (Orthoptera)
- Macroscytus japonensis (Hemiptera)
- Mamestra brassicae (Lepidoptera)
- Maruca testulalis (Lepidoptera)
- Mecopoda elongata (Orthoptera)
- Melanoplus femur-rubrum (Orthoptera)
- Melanoplus sanguinipes ()
- Meligethes aeneus (Coleoptera)
- Melolontha japonica (Coleoptera)
- Melolontha melolontha (Coleoptera)
- Metaleptea brevicornis (Orthoptera)
- Mocis frugalis (Lepidoptera)
- Modicogryllus siamensis (Orthoptera)
- Nephotettix cincticeps (Homoptera)
- Nephotettix nigropictus (Homoptera)
- Nephotettix virescens (Homoptera)
- Nezara antennata (Hemiptera)
- Omphisa anastomosalis (Lepidoptera)
- Oxyodes scrobiculata (Lepidoptera)
- Pterochlorus tropicalis (Homoptera)
- Pyropotosia pryeri (Coleoptera)
- Spodoptera mauritia (Lepidoptera)

AUTOMOBILE:
- Geniates panamensis (Coleoptera)
- Liogenys macropelma (Coleoptera)

BAGGAGE:
- Geniates panamensis (Coleoptera)

CARGO:
- Geotomus pygmaeus (Hemiptera)
- Gryllus bimaculatus (Orthoptera)
- Macroscytus brunneus (Hemiptera)
- Manopus simillimus (Coleoptera)
- Mecinus pyraster (Coleoptera)
- Microplax interrupta (Hemiptera)

DUNNAGE:
- Heterobostrychus aequalis (Coleoptera)
- Minthea rugicollis (Coleoptera)
- Phloeosinus rudis (Coleoptera)
- Xylopsocus capucinus ()
- Xylothrips flavipes (Coleoptera)

FLOWERS:
- Frankliniella formosae (Thysanoptera)
- Glaucothrips glaucus (Thysanoptera)
- Hercinothrips bicinctus (Thysanoptera)
- Meligethes aeneus (Coleoptera)

FRUIT:
- Dacus cucurbitae (Diptera)
- Metamasius hemipterus hemipterus (Coleoptera)

LEAF:
- Melanaspis paulista (Homoptera)

MAIL:
- Gryllotalpa africana (Orthoptera)
- Gryllus bimaculatus (Orthoptera)
- Minthea rugicollis (Coleoptera)

PACKING MATERIAL:
- Myocalandra exarata (Coleoptera)

PLANT:
- Orthezia pseudinsignis (Homoptera)

RAILROAD CAR:
- Galgupha punctifer (Hemiptera)

WOOD:
- Heterobostrychus aequalis (Coleoptera)
- Hylurgops palliatus (Coleoptera)
- Hylurgus ligniperda (Coleoptera)
- Ips acuminatus (Coleoptera)
- Lyctoxylon japonum (Coleoptera)
- Minthea rugicollis (Coleoptera)
- Nasutitermes rippertii (Isoptera)
- Orthotomicus erosus (Coleoptera)
- Phloeosinus rudis (Coleoptera)
- Pyrrhidium sanguineum (Coleoptera)
- Sinoxylon conigerum (Coleoptera)
- Stenopterus rufus (Coleoptera)

AFRICA (country-?):
- Hypothenemus hampei

ANGOLA:
- Hypothenemus hampei

ARGENTINA:
- Melanaspis paulista

ASIA (country-?):
- Geotomus pygmaeus
- Gryllotalpa africana
- Gryllus bimaculatus
- Herpetogramma licarsisalis
- Hypomeces squamosus
- Leucania loreyi
- Leucania yu
- Locusta migratoria
- Macroscytus japonensis
- Mecopoda elongata
- Nephotettix cincticaps
- Nephotettix virescens
- Nezara antennata
- Oxyodes scrobiculata
- Pyropotosia pryeri
- Spodoptera mauritia

AUSTRALIA:
- Isothrips obscuratus

AUSTRIA:
- Megastigmus seitneri
- Megastigmus strobilobius

AZORES:
- Hercinothrips bicinctus

BAHAMAS:
- Nasutitermes rippertii

BELGIUM:
- Mamestra brassicae

BRAZIL:
- Hypothenemus hampei
- Liriomyza braziliensis
- Pseudaonidia trilobitiformis

BRITISH HONDURAS:
- Nasutitermes nigriceps

CENTRAL AMERICA (country-?):
- Geniates panamensis

CHILE:
- Naupactus xanthographus

CHINA:
- Lepidosaphes conchiformioides

COLOMBIA:
- Aleurocanthus woglumi
- Anastrepha mombinpraeoptans
- Manopus simillimus
- Neoleucinodes elegantalis

CONGO:
- Minthea rugicollis

COSTA RICA:
- Anastrepha mombinpraeoptans

CYPRUS:
- Leucaspis riccae

DENMARK:
- Hylurgops palliatus

DOMINICAN REPUBLIC:
- Anastrepha mombinpraeoptans
- Metamasius hemipterus hemipterus

ECUADOR(?):
- Gryllus capitatus

EL SALVADOR:
- Anastrepha mombinpraeoptans

ENGLAND:
- Megastigmus seitneri
- Megastigmus strobilobius
- Melolontha melolontha

ETHIOPIA:
- Hypothenemus hampei

FRANCE:
- Megastigmus suspectus
- Melanthrips fuscus
- Meligethes aeneus
- Rhagoletis cerasi

GERMANY:
- Hylurgops palliatus
- Meligethes aeneus

GERMANY(?):
- Melanoplus femur-rubrum

GHANA:
- Leucinodes orbonalis

GREECE:
- Dacus oleae
- Hemimene juliana
- Rhagoletis cerasi

GUAM:
- Lepidosaphes esakii

GUATEMALA:
- Anastrepha ludens
- Anastrepha mombinpraeoptans
- Metamasius hemipterus sericeus
- Orchidophilus atterrimus

HAITI:
- Anastrepha mombinpraeoptans

HAITI(?):
- Anastrepha mombinpraeoptans

HAWAII:
- Dacus cucurbitae
- Dacus dorsalis
- Lampides boeticus
- Maruca testulalis
- Pectinophora gossypiella

HONDURAS:
- Anastrepha mombinpraeoptans

HONG KONG:
- Leucinodes orbonalis
- Melolontha japonica
- Unaspis yanonensis

INDIA:
- Dacus cucurbitae
- Heterobostrychus aequalis
- Minthea rugicollis
- Myocalandra exarata
- Sinoxylon conigerum
- Stenopterus rufus

INDIA(?):
- Dacus cucurbitae

INDONESIA:
- Hypothenemus hampei

IRAN:
- Melanaspis inopinata

ISRAEL:
- Ceratitis capitata

ITALY:
- Dacus oleae
- Fiorinia vacciniae
- Gnoriomoschema ocellatella
- Hemimene juliana
- Hylurgus ligniperda
- Leperisinus varius
- Lobesia botrana
- Mamestra brassicae
- Megastigmus pistaciae
- Megastigmus strobilobius
- Orthotomicus erosus
- Oulema melanopus
- Oxythyrea funesta
- Psylliodes chrysocephala
- Pyrrhidium sanguineum
- Rhagoletis cerasi

JAMAICA:
- Anastrepha mombinpraeoptans
- Mimosestes dominicanus

JAPAN:
- Frankliniella formosae
- Geotomus pygmaeus
- Gryllotalpa africana
- Gryllus bimaculatus
- Hulodes caranea
- Lepidosaphes conchiformioides
- Lepidosaphes esakii
- Lyctoxylon japonum
- Macroscytus japonensis
- Macrosiphum ibarae
- Mamestra brassicae
- Mecopoda elongata
- Melanoplus femur-rubrum
- Minthea rugicollis
- Modicogryllus siamensis
- Nephotettix nigropictus
- Nephotettix virescens
- Omphisa anastomosalis
- Phloeosinus rudis
- Pseudaonidia trilobitiformis
- Taeniothrips eucharii
- Unaspis yanonensis

KOREA:
- Unaspis yanonensis

KOREA(?):
- Gryllus bimaculatus

KWAJALEIN:
- Lepidosaphes esakii

LEBANON:
- Hypothenemus hampei
- Melanaspis inopinata

LIBERIA:
- Leucinodes orbonalis

MADEIRA ISLANDS:
- Hercinothrips bicinctus

MALTA:
- Dacus oleae

MEXICO:
- Aleurocanthus woglumi
- Aleurothrixus floccosus
- Anastrepha ludens
- Anastrepha mombinpraeoptans
- Galgupha punctifer
- Hypothenemus hampei
- Megacerus cubiciformis
- Melanaspis nigropunctata
- Neoleucinodes elegantalis
- Opuntiaspis philococcus
- Orthezia pseudinsignis
- Paraleyrodes citri

MOROCCO:
- Ceratitis capitata

NEW ZEALAND:
- Ctenopseustis obliquana
- Isothrips obscuratus

NICARAGUA:
- Anastrepha mombinpraeoptans
- Hypothenemus hampei

NORWAY:
- Ips acuminatus

OKINAWA:
- Frankliniella formosae
- Gryllus bimaculatus
- Herpetogramma licarsisalis

PANAMA:
- Anastrepha mombinpraeoptans
- Geniates panamensis
- Liogenys macropelma
- Metaleptea brevicornis
- Minthea rugicollis

PERU:
- Hypothenemus hampei
- Metaleptea brevicornis

PHILIPPINES:
- Dacus dorsalis
- Frankliniella formosae
- Gryllus bimaculatus
- Icerya seychellarum
- Lepidosaphes bladhiae
- Lindingaspis tingi
- Mamestra brassicae

PORTUGAL:
- Hercinothrips bicinctus
- Opogona sacchari

COUNTRIES OF ORIGIN AND INSECTS

PUERTO RICO:
- Anastrepha mombinpraeoptans
- Maruca testulalis
- Metamasius hemipterus hemipterus
- Nasutitermes costalis

SOUTH AFRICA:
- Glaucothrips glaucus
- Leucinodes orbonalis

SPAIN:
- Dacus oleae
- Mamestra brassicae
- Microplax interrupta

SPAIN(?):
- Macroscytus brunneus

ST. KITTS:
- Anastrepha mombinpraeoptans

ST. THOMAS:
- Anastrepha mombinpraeoptans

SWEDEN:
- Ips acuminatus

TAIWAN:
- Geotomus pygmaeus
- Orchidophilus peregrinator

THAILAND:
- Frankliniella formosae
- Gryllotalpa africana
- Gryllus bimaculatus
- Mecopoda elongata
- Pterochlorus tropicalis

TURKEY:
- Mecinus pyraster

VENEZUELA:
- Liriomyza braziliensis
- Neoleucinodes elegantalis

VIET-NAM:
- Dacus dorsalis
- Geotomus pygmaeus
- Gryllotalpa africana
- Gryllus bimaculatus
- Lindingaspis ferrisi
- Mocis frugalis
- Nephotettix virescens

VIET-NAM?:
- Melanopius sanguinipes

WEST PACIFIC:
- Geotomus pygmaeus
- Gryllus bimaculatus
- Herpetogramma licarsisalis
- Hypomeces squamosus
- Mecopoda elongata
- Nephotettix virescens

UNKNOWN:
- Anastrepha mombinpraeoptans
- Dacus oleae
- Frankliniella formosae
- Geotomus pygmaeus
- Heterobostrychus aequalis
- Homalodisca ichthyocephala
- Laspeyresia strobiliella
- Liogenys macropelma
- Maruca testulalis
- Xylopsocus capucinus
- Xylothrips flavipes

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